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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

JOUNG et al.

Serial No.: 09/990,762

Art Unit: 1645

Filing Date: November 14, 2001

Examiner: Marcus Kirk

Title: METHODS AND COMPOSITIONS FOR INTERACTION TRAP ASSAYS

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97**

Assistant Commissioner for Patents
Washington, D.C. 20231

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Sir:

The information listed on the attached PTO-1449 forms may be material to the examination of the above-identified application. Copies of the information and completed PTO-1449 forms are submitted herewith. The Examiner is respectfully requested to make this information of official record in the application.

This Information Disclosure Statement under 37 CFR § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

Respectfully submitted,

Date:

18 Sept 02

By:

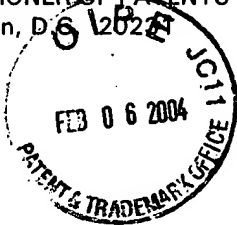
Dahna S. Pasternak

Dahna S. Pasternak

Registration No. 41,411

ROBINS & PASTERNAK LLP
545 Middlefield Road, Ste 180
Menlo Park, CA 94025
Telephone: 650-325-7812
Facsimile: 650-325-7823

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FORM PTO-1449 (Modified)
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U.S. PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Date	Name	Class	Sub Class	Filing Date
	AA-1	5,580,736	December 3, 1996	Brent et al.			
	AB-1	5,925,523	July 20, 1999	Dove et al.			
	AC-1	2002/00/061,512	May 23, 2002	Kim et al.			

FOREIGN PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Publication Date	Country or Patent Office	Class	Sub Class	Translation YES	Translation NO
	AD-1	WO 99/14319	March 25, 1999	PCT				
	AE-1	WO 99/28744	June 10, 1999	PCT				
	AF-1	WO 99/28745	June 10, 1999	PCT				
	AG-1	WO 99/31509	June 24, 1999	PCT				
	AH-1	WO 01/60970	August 23, 2001	PCT				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

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Atty Dkt No. 8325-1005.20
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Exam. Init.	Ref. Desig.	Description
	AI-1	Allen et al., "Finding Prospective Partners in the Library: The Two-Hybrid System and Phage Display Find a Match," <i>Trends Biol. Sci</i> <u>20</u> :511-516 (1995)
	AJ-1	Brent et al., "A Eukaryotic Transcriptional Activator Bearing the DNA Specificity of a Prokaryotic Repressor," <i>Cell</i> <u>43</u> :729-736 (1985)
	AK-1	Chien et al., "The Two-Hybrid System: A Method to Identify and Clone Genes for Proteins that Interact with a Protein of Interest," <i>PNAS</i> <u>88</u> :9578-9582 (1991)
	AL-1	Durfee et al., "The Retinoblastoma Protein Associates With the Protein Phosphatase Type 1 Catalytic Subunit," <i>Genes & Development</i> <u>7</u> :555-569 (1993)
	AM-1	Grossel et al., "A Yeast Two-Hybrid System for Discerning Differential Interactions Using Multiple Baits," <i>Nature Biotechnology</i> <u>17</u> :1232-1233 (1999)
	AN-1	Gyuris et al., "Cdi1, a Human G1 and S Phase Protein Phosphatase That Associates with Cdk2," <i>Cell</i> <u>75</u> :791-803 (1993)
	AO-1	Huang et al., "A Permutational Approach Toward Protein-DNA Recognition," <i>PNAS</i> <u>91</u> :3969-3973 (1994)
	AP-1	Joung et al., "A Bacterial Two-Hybrid Selection System for Studying Protein-DNA and Protein-Protein Interactions," <i>Proc. Natl. Acad. Sci. U.S.A.</i> <u>97</u> :7382-7387 (2000)
	AQ-1	Joung et al., "Identifying and Modifying Protein-DNA and Protein-Protein Interactions Using a Bacterial Two-Hybrid Selection System," <i>J. Cell. Biochem. Suppl.</i> <u>37</u> : pp.53-57 (2001)
	AR-1	Keegan et al., "Separation of DNA Binding from the Transcription-Activating Function of Eukaryotic Regulatory Protein," <i>Science</i> <u>231</u> :699-704 (1986)

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	AS-1	Ma et al., "Converting a Eukaryotic Transcriptional Inhibitor into an Activator," <i>Cell</i> <u>55</u> :443-446
	AT-1	Phizicky et al., "Protein-Protein Interactions: Methods for Detection and Analysis," <i>Microbiol. Rev.</i> <u>59</u> :94-123 (1995)
	AU-1	Rebar et al., "Phage Display Methods for Selecting Zinc Finger Proteins with Novel DNA-Binding Specificities," <i>Methods Enzymol.</i> <u>267</u> :129-149 (1996)
	AV-1	Sera and Schultz, " <i>In Vivo</i> Selection of Basic Region-Leucine Zipper Proteins with Altered DNA-Binding Specificities," <i>PNAS</i> <u>93</u> :2920-2925 (1996)
	AW-1	Serebriiskii et al., "A Two-Hybrid Dual Bait System to Discriminate Specificity of Protein Interactions," <i>J. Biol Chem.</i> <u>274</u> :17,080-17,087 (1999)
	AX-1	Smith et al., "Phage Display," <i>Chem. Rev.</i> <u>97</u> :391-410 (1997)
	AY-1	Uetz et al., "A Comprehensive Analysis of Protein-Protein Interactions in <i>Saccharomyces Cerevisiae</i> ," <i>Nature</i> <u>403</u> :623-627 (2000)
	AZ-1	Vojtek et al., "Mammalian Ras Interacts Directly With the Serine/Threonine Kinase Raf," <i>Cell</i> <u>74</u> :205-214 (1993)
	BA-1	Walhout et al., "Protein Interaction Mapping in <i>C. elegans</i> Using Proteins Involved in Vulval Development," <i>Science</i> <u>287</u> :116-122 (2000)

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